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To: Art Unit 2137
Firm: U.S. Patent and Trademark Office
Facsimile No.: 703-872-9306
From: William S. Frommer
Date: June 10, 2005
Re: Serial No. 09/589,593
Attorney Docket 450108-4457

No. of Pages: 5
(including cover page)

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**RECEIVED
CENTRAL FAX CENTER**PATENT
450108-4457

JUN 10 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Tatsuya Kubota, et al.
Serial No. : 09/589,593
Filed : June 7, 2000
For : DATA MULTIPLEXING DEVICE, PROGRAM
DISTRIBUTION SYSTEM, PROGRAM TRANSMISSION
SYSTEM, PAY BROADCAST SYSTEM, PROGRAM
TRANSMISSION METHOD, CONDITIONAL ACCESS
SYSTEM, AND DATA RECEPTION DEVICE
Examiner : Nguyen, Minh Dieu T.
Art Unit : 2137

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I hereby certify that this paper is being facsimile transmitted to the
Patent and Trademark Office on the date shown below.

Barnet ShindelmanType or print name of
person signing certificationBarnet Shindelman

Signature

June 10, 2005

Date of Signature

**REQUEST FOR ACKNOWLEDGEMENT OF RECEIPT
OF ORIGINAL APPLICATION PAPERS**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:


Acknowledgement of the receipt of all of the originally filed application papers for the
above-identified application is respectfully requested.

PATENT
450108-4457

On June 7, 2000 this application was filed by Express Mail, including 68 pages of specification, numbered 1-68. Enclosed is a copy of the stamped receipt postcard, noting that this application was received by the Office on June 7, 2000 with 68 of pages of specification. Also enclosed is a true and accurate copy of specification page 29, which is missing from the official Office file of this application.

It is believed this application contains a full and complete copy of the specification, from which the patent issuing therefrom should be printed.

Respectfully submitted,
FROMMER LAWRENCE & HAUG LLP

By: 
William S. Frommer
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Enc. - Page 29 of Specification

Division of

Serial No. 09/370,776File No. 450108-4457.2 By WSF/83Title In the Matter of the Application of Tatsuya Kubota et al.

The following due _____ in the U.S. Patent Office, was received in the Patent Office

☐ Affidavit ☐ Declaration☐ Amendment☒ Preliminary Amendment☐ Amendment After Final Rejection☐ Request for Extension of Time☐ Provisional Patent Application☒ Application for Patent, including
68 Pages Specification 68 Claims☒ Declaration ☒ Oath ☒ Power copy☐ Request for Filing Continuation or Divisional
Application 2 sheets, in duplicate☐ File Wrapper Continuation Patent Application
_____ sheets, in duplicate☐ PCT Request _____ sheets, including☐ Transmittal Letter to the US/RO☐ Assignment ☐ Recordation Cover Sheet☒ Express Mail Mailing Certificate☒ (separate sheet)☒ Check No. 10488 for \$ 2508.00☐ Deposit Account Order Form☒ Drawing 24 Sheet(s)☒ Information Disclosure Statement☐ PTO Form 1449☐ Issue Fee Transmittal☐ Brief ☐ Letter☐ Application for TM Registration
Including _____ Specimens☐ Status Request ☐ Notice of Appeal☐ Petition ☐ Response☐ Priority Document☐ Small Entity DeclarationVia Express Mail #EL560676843US on: 6/7/00

packet payload has been scrambled.

The adaptation_field_control field is data of 2 bits for indicating that an adaptation field and/or payload is placed at the packet header of this transport stream. Specifically, if only payload data is placed at the packet header, the adaptation_field_control field is "01"; if only an adaptation field is placed at the packet header, the adaptation_field_control field is "10"; if both an adaptation field and a payload are placed at the packet header, the adaptation_field_control field is "11".

The continuity_counter field is data for indicating whether continuously transmitted packets with the same PID are partially absent or discarded during the transmission. Specifically, the continuity_counter field is a field of 4 bits to be incremented each time a transport stream packet with the same PID is transmitted. However, it should be appreciated that this continuity_counter is counted only when an adaptation field is placed at the packet header.

The adaptation_field is a field for inserting additional information on separate streams or stuffing bytes as an option. By using this adaptation field, every information on dynamic state transitions of separate streams can be transmitted together with data.

The adaptation_field consists of the following fields:
adaptation_field_length, discontinuity_counter,